

DIAGNOSTIC TROUBLE CODE CHART

AIR CONDITIONING SYSTEM:

DTC Code	Detection Item	Trouble Area	Memory *4	See page
B1411/11 *1	Room Temperature Sensor Circuit	1. A/C room temperature sensor 2. Harness or connector between A/C room temperature sensor and A/C amplifier 3. A/C amplifier	Memorized (8.5 min. or more)	AC-46
B1412/12 *2	Ambient Temperature Sensor Circuit	1. Ambient temperature sensor 2. Harness or connector between ambient temperature sensor and A/C amplifier 3. A/C amplifier	Memorized (8.5 min. or more)	AC-50
B1413/13	Evaporator Temperature Sensor Circuit	1. Air conditioning harness (evaporator temperature sensor) 2. A/C amplifier	Memorized (8.5 min. or more)	AC-54
B1418/18	Exhaust Gas Sensor Circuit	1. Smog ventilation sensor (emission gas sensor) 2. Harness or connector between smog ventilation sensor (emission gas sensor) and A/C amplifier 3. A/C amplifier	-	AC-57
B1421/21 *3	Solar Sensor Circuit (Passenger Side)	1. Solar sensor 2. Harness or connector between solar sensor and A/C amplifier 3. Harness or connector between solar sensor and main body ECU 4. A/C amplifier 5. Main body ECU	Memorized (8.5 min. or more) (only when circuit is shorted)	AC-62
B1422/22	Compressor Lock Sensor Circuit	1. A/C compressor (A/C lock sensor) 2. Compressor drive belt 3. Harness or connector between compressor and magnetic clutch (A/C lock sensor) 4. A/C amplifier 5. CAN communication system	-	AC-67
B1423/23	Pressure Sensor Circuit	1. A/C pressure sensor 2. Harness or connector between A/C pressure sensor and A/C amplifier 3. Refrigerant pipe line 4. A/C amplifier	-	AC-71
B1424/24 *3	Solar Sensor Circuit (Driver Side)	1. Solar sensor 2. Harness or connector between solar sensor and A/C amplifier 3. Harness or connector between solar sensor and main body ECU 4. A/C amplifier 5. Main body ECU	Memorized (8.5 min. or more) (only when circuit is shorted)	AC-75

DTC Code	Detection Item	Trouble Area	Memory *4	See page
B1441/41	Air Mix Damper Control Servo Motor Circuit (Passenger Side)	1. A/C amplifier 2. Air conditioning harness 3. Air mix control servo motor	Memorized (30 sec.)	AC-80
B1442/42	Air Inlet Damper Control Servo Motor Circuit	1. A/C amplifier 2. Air conditioning harness 3. Air inlet control servo motor	Memorized (30 sec.)	AC-82
B1443/43	Air Outlet Damper Control Servo Motor Circuit	1. A/C amplifier 2. Air conditioning harness 3. Air outlet control servo motor	Memorized (30 sec.)	AC-84
B1446/46	Air Mix Damper Control Servo Motor Circuit (Driver Side)	1. A/C amplifier 2. Air conditioning harness 3. Air mix control servo motor	Memorized (30 sec.)	AC-87
B1451/51	Compressor Solenoid Circuit	1. A/C compressor 2. Harness or connector between A/C amplifier and solenoid of externally changeable compressor 3. A/C amplifier	-	AC-89
B1461/61	Emission Gas NOx Sensor Circuit	1. Smog ventilation sensor (emission gas NOx sensor) 2. Harness or connector between smog ventilation sensor (emission gas NOx sensor) and A/C amplifier 3. A/C amplifier	-	AC-92
B1497/97	BUS IC Communication Malfunction	1. Air conditioning harness 2. A/C amplifier	Memorized (10 sec. or more)	AC-97
B1499/99	Multiplex Communication Circuit	CAN communication system	Memorized	AC-100

*1: If the room temperature is approx. -18.6°C (-1.48°F) or lower, DTC B1411/11 may be output even though the system is normal.

*2: If the ambient temperature is approx. -52.9°C (-63.22°F) or lower, DTC B1412/12 may be output even though the system is normal.

*3: If the check is performed in a dark place, DTC B1421/21 or B1424/24 (solar sensor circuit abnormal) may be output even though the system is normal.

*4: The A/C amplifier memorizes the DTC of the respective malfunction if it has occurred for the period of time indicated in the brackets.